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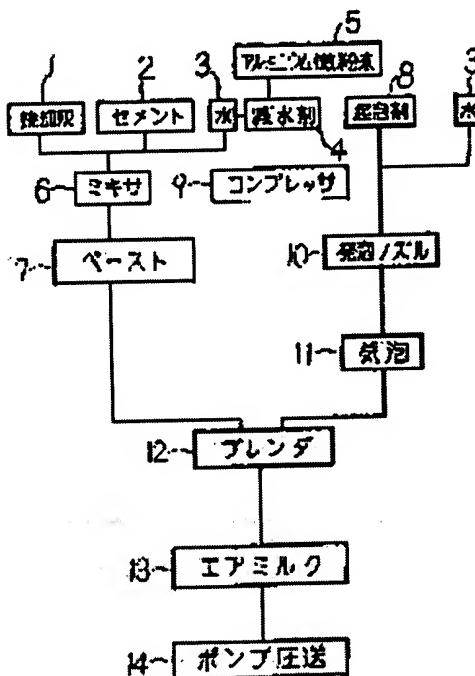
(21) Application number : 04-210334 (71) Applicant : FUJITA CORP
(22) Date of filing : 06. 08. 1992 (72) Inventor : NAKAMURA MASAHIRO
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(54) METHOD OF LIQUEFACTION PREVENTIVE CONSTRUCTION OF GROUND BY USING
INCINERATED ASH

(57) Abstract:

PURPOSE: To use incineration ash treated as waste as the construction material for a liquefaction countermeasure ground against an earthquake.

CONSTITUTION: Air is forwarded to paste 7, in which incineration ash 1, cement 2, water 3, a water reducing agent 4 and aluminum impalpable powder 5 are kneaded in a mixer 6, and a mixture, in which a foaming agent 8 and water 3 are kneaded, by a compressor 9, and bubbles 11 discharged from a foaming nozzle 10 are kneaded by a blender 12, thus manufacturing air milk 13. Air milk 13 is force-fed to a ground area, in which a liquefaction phenomenon is generated at the time of an earthquake, by a pump, thus constructing a liquefaction countermeasure ground.



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